

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061778.D
 Acq On : 27 Feb 2019 20:53
 Operator : VA/AP
 Sample : K1652-10
 Misc : 5.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-DAY-1

Quant Time: Feb 28 01:21:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

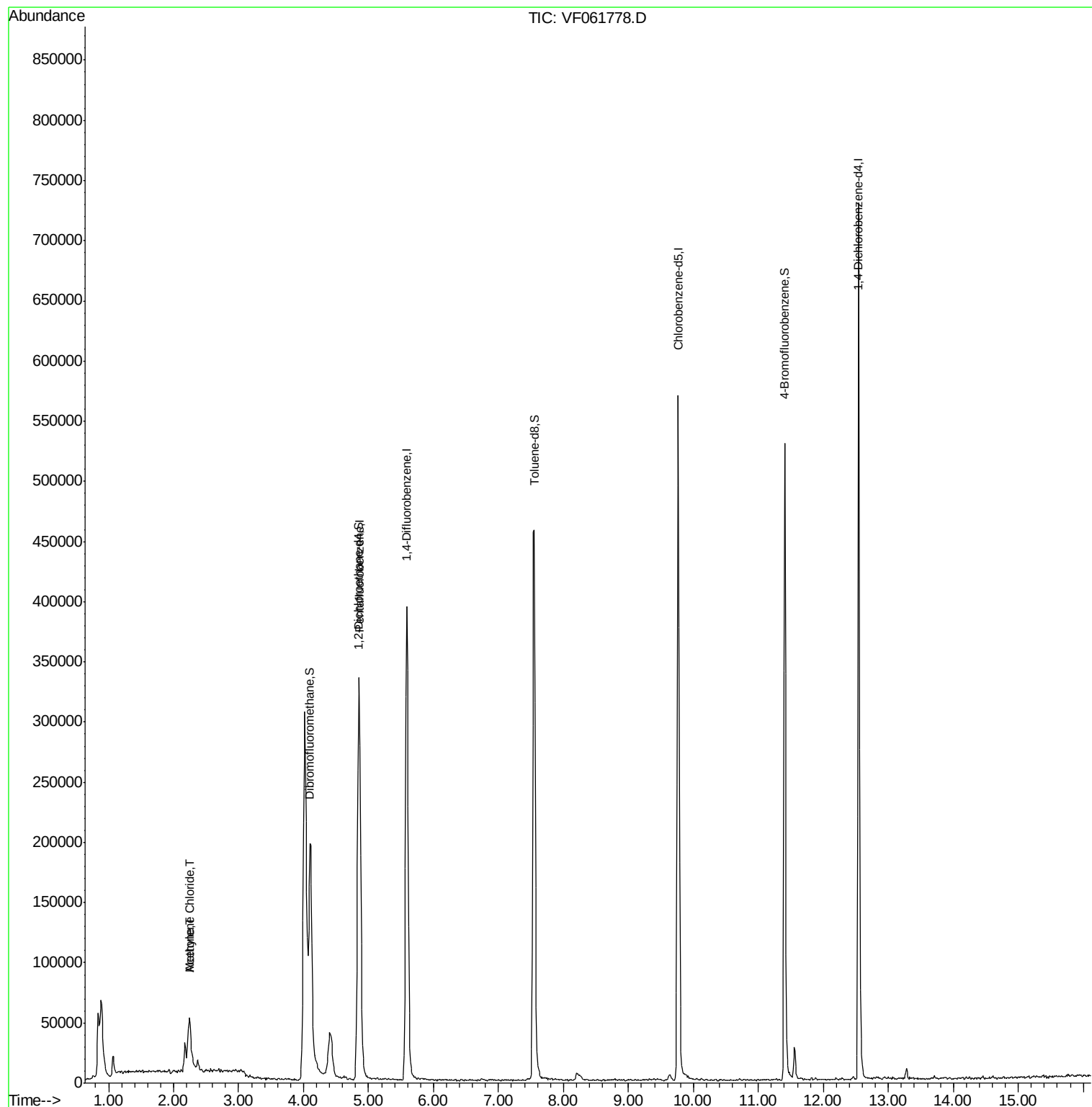
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	308070	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	492209	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	449697	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	229109	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	116564	51.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	4.10	113	172777	47.27	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.54%	
50) Toluene-d8	7.55	98	436320	41.52	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	83.04%	
62) 4-Bromofluorobenzene	11.41	95	193714	45.56	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.12%	
Target Compounds						
16) Acetone	2.24	43	23502	48.487	ug/l #	88
20) Methylene Chloride	2.25	84	42284m	14.490	ug/l	

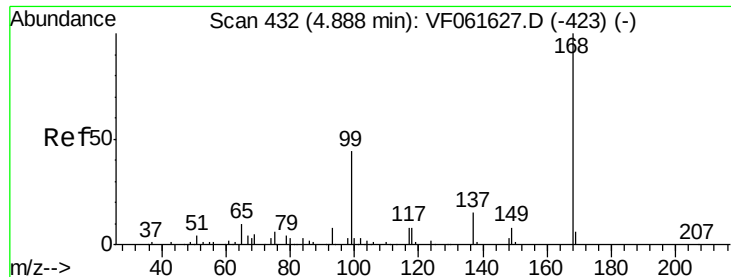
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061778.D

Acq: 27 Feb 2019 20:53

Instrument :

MSVOA_F

ClientSampleId :

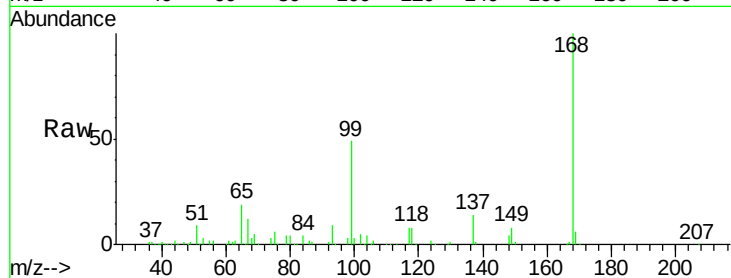
COMP-DAY-1

Tot Ion:168 Resp: 308070

Ion Ratio Lower Upper

168 100

99 49.1 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

100000

80000

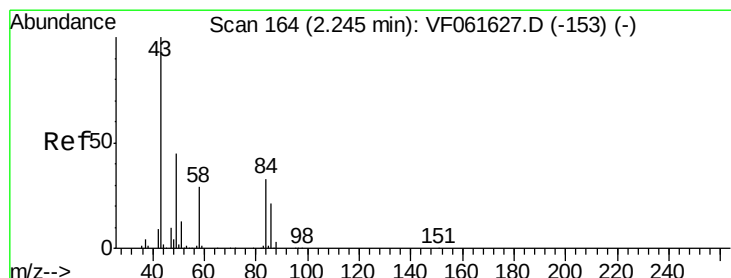
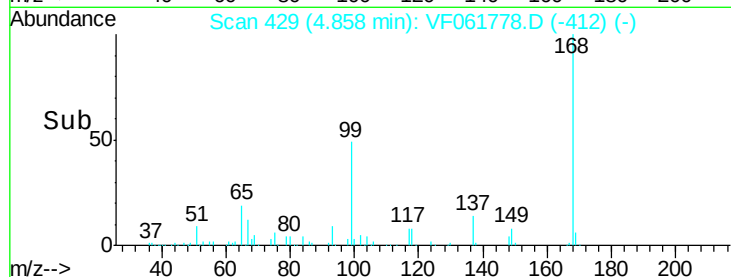
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 48.487 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061778.D

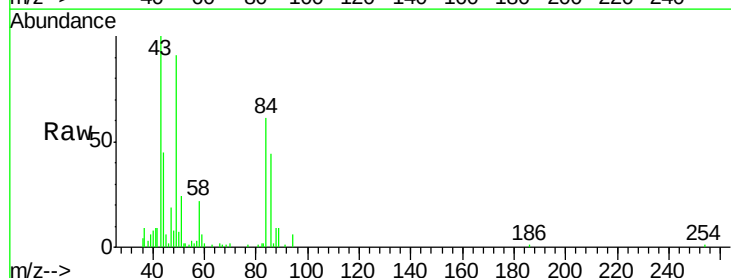
Acq: 27 Feb 2019 20:53

Tgt Ion: 43 Resp: 23502

Ion Ratio Lower Upper

43 100

58 22.4 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

10000

8000

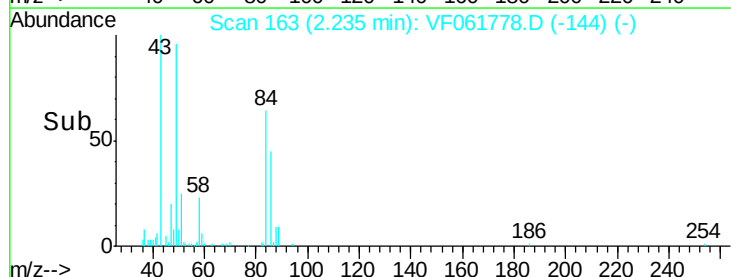
6000

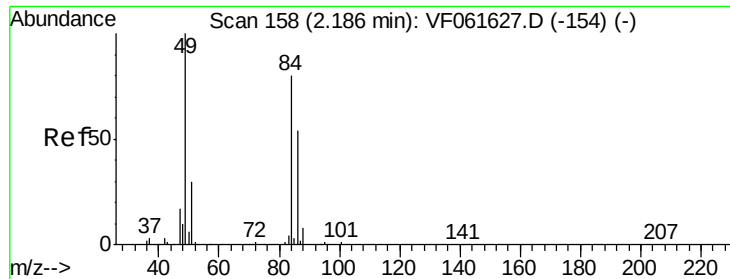
4000

2000

0

Time-->

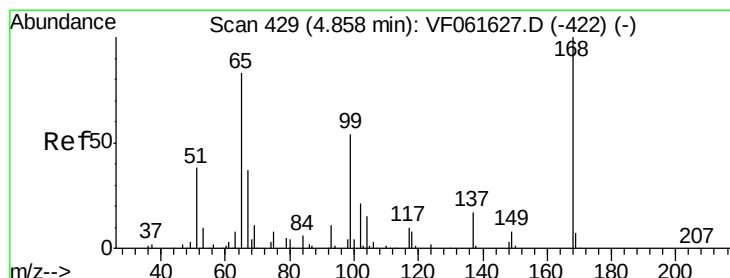
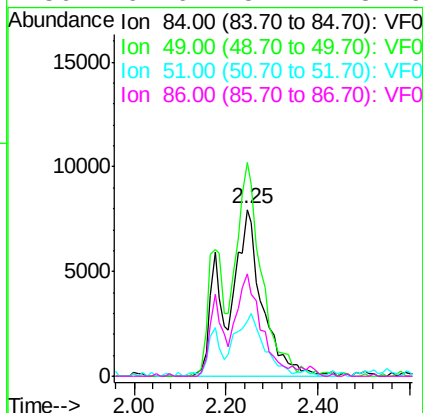
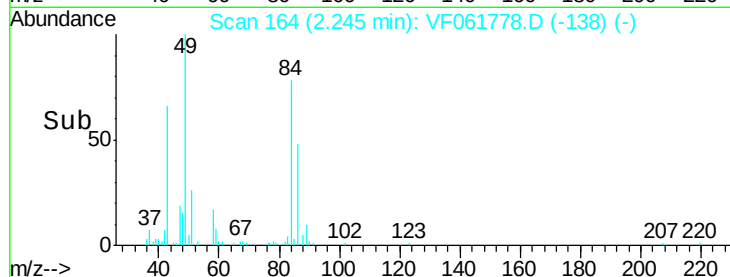
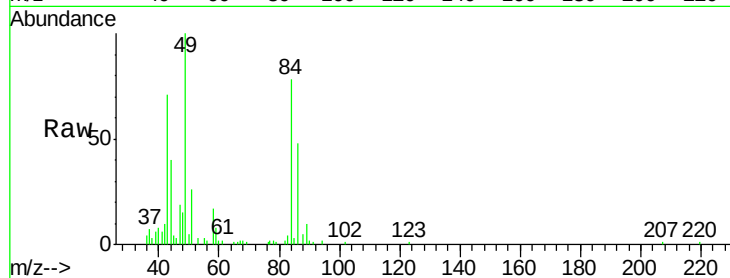




#20
Methylene Chloride
Concen: 14.490 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. 0.06 min
Lab File: VF061778.D
Acq: 27 Feb 2019 20:53

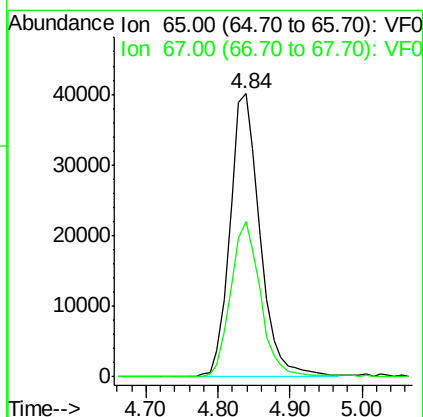
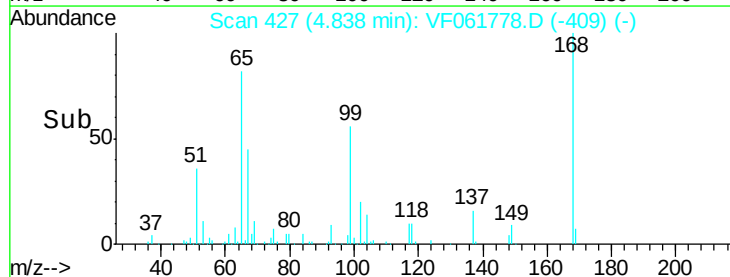
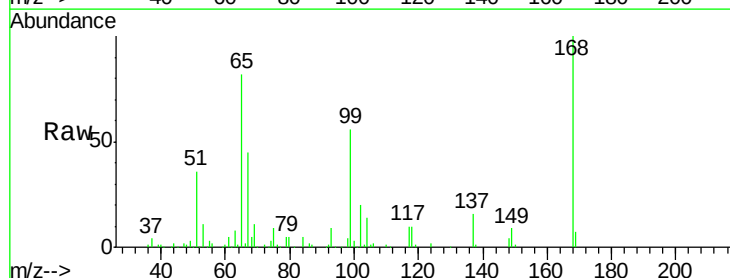
Instrument :
MSVOA_F
ClientSampleId :
COMP-DAY-1

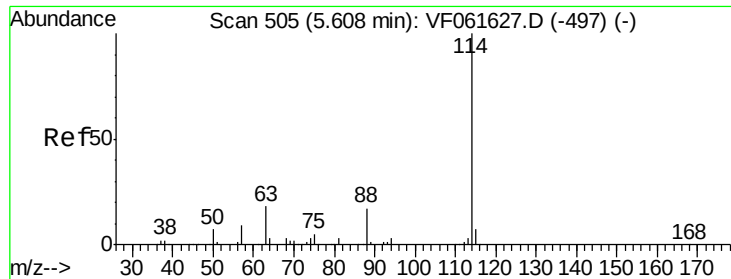
Tot Ion: 84 Resp: 42284
Ion Ratio Lower Upper
84 100
49 128.1 101.8 152.8
51 33.1 31.1 46.7
86 61.6 54.4 81.6



#33
1,2-Dichloroethane-d4
Concen: 51.597 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.02 min
Lab File: VF061778.D
Acq: 27 Feb 2019 20:53

Tgt Ion: 65 Resp: 116564
Ion Ratio Lower Upper
65 100
67 54.7 0.0 104.0

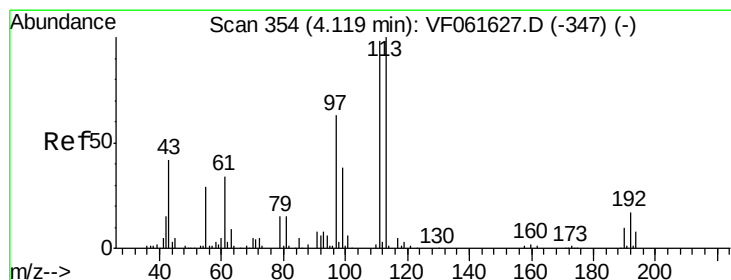
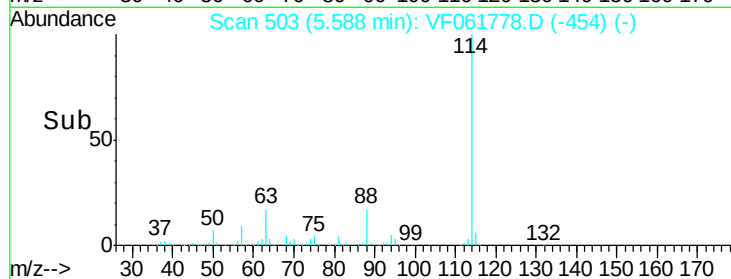
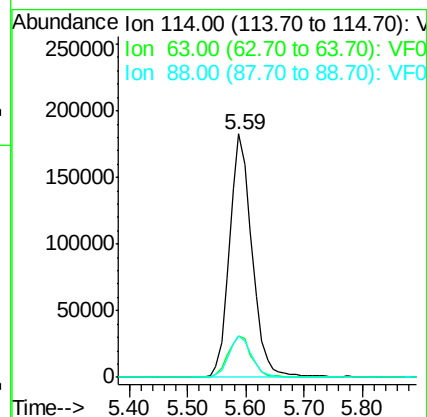
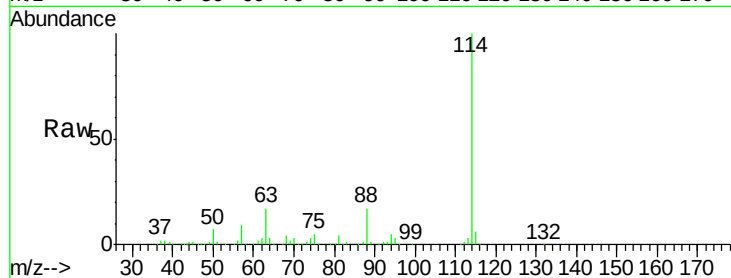




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061778.D
 Acq: 27 Feb 2019 20:53

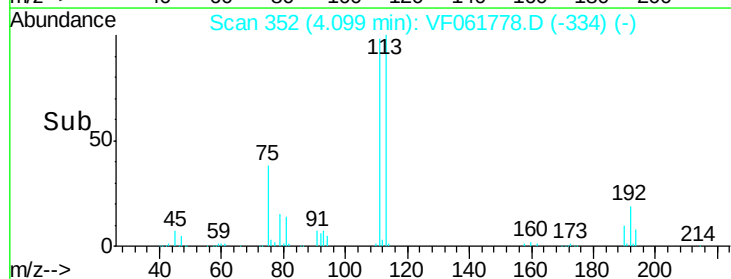
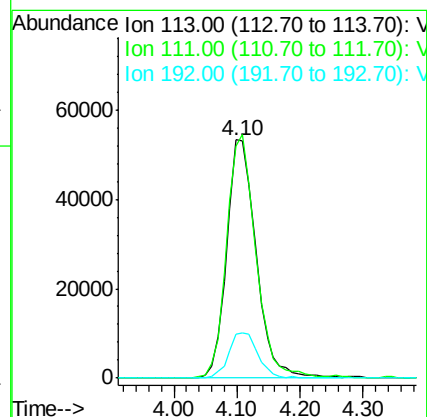
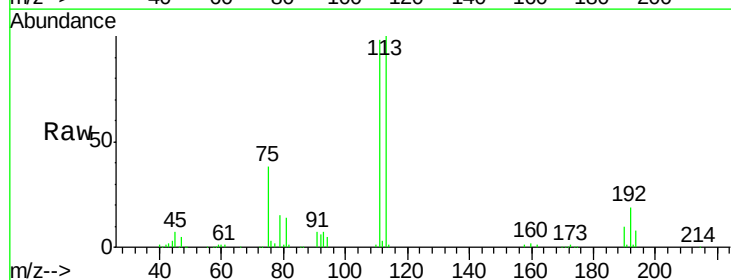
Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-DAY-1

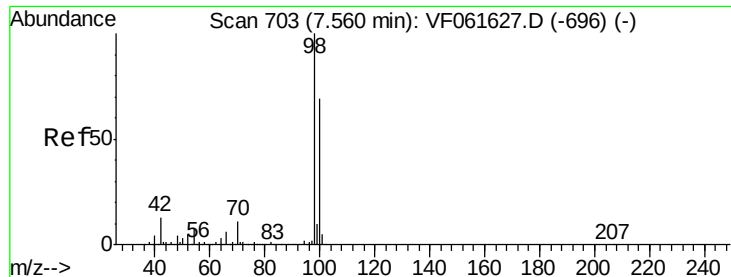
Tot Ion:114 Resp: 492209
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 36.6
 88 17.1 0.0 34.4



#35
 Dibromofluoromethane
 Concen: 47.269 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VF061778.D
 Acq: 27 Feb 2019 20:53

Tgt Ion:113 Resp: 172777
 Ion Ratio Lower Upper
 113 100
 111 97.5 78.8 118.2
 192 18.7 13.4 20.0





#50

Toluene-d8

Concen: 41.524 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061778.D

Acq: 27 Feb 2019 20:53

Instrument :

MSVOA_F

ClientSampleId :

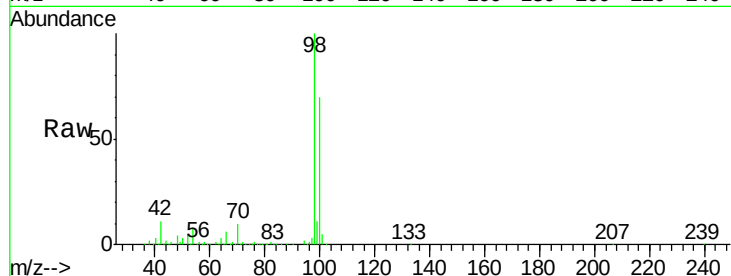
COMP-DAY-1

Tot Ion: 98 Resp: 436320

Ion Ratio Lower Upper

98 100

100 69.8 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

200000

150000

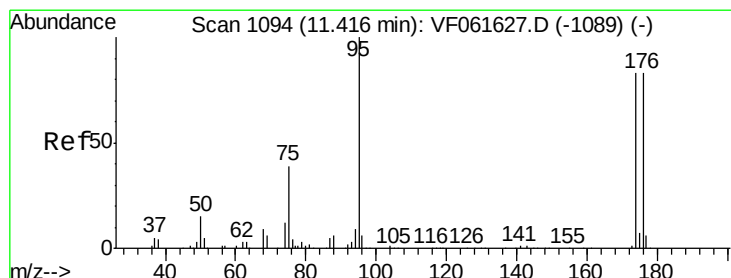
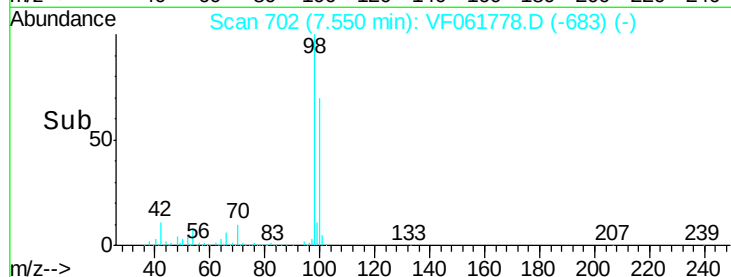
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 45.563 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061778.D

Acq: 27 Feb 2019 20:53

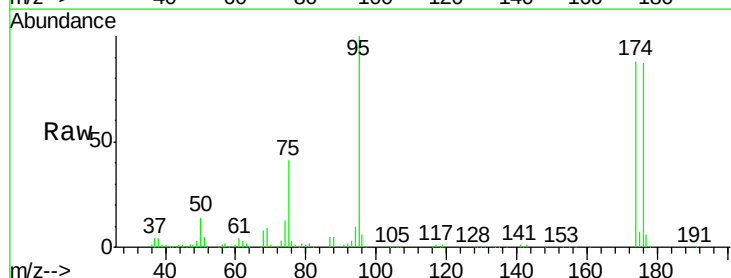
Tgt Ion: 95 Resp: 193714

Ion Ratio Lower Upper

95 100

174 87.7 0.0 165.8

176 86.6 0.0 167.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

150000

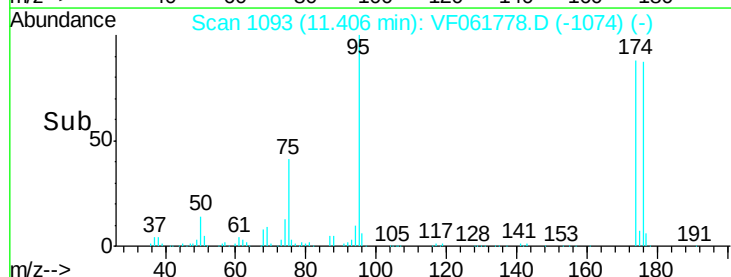
100000

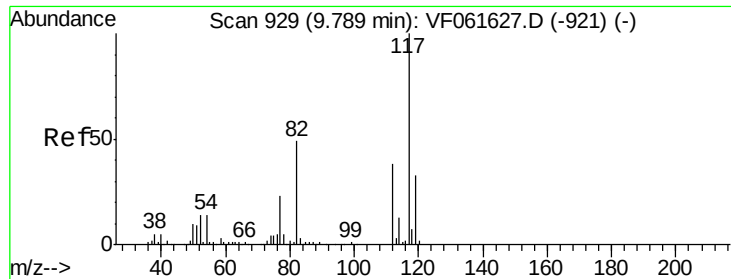
50000

0

11.30 11.40 11.50

Time-->

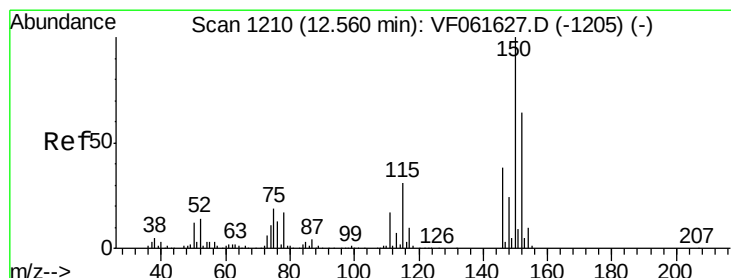
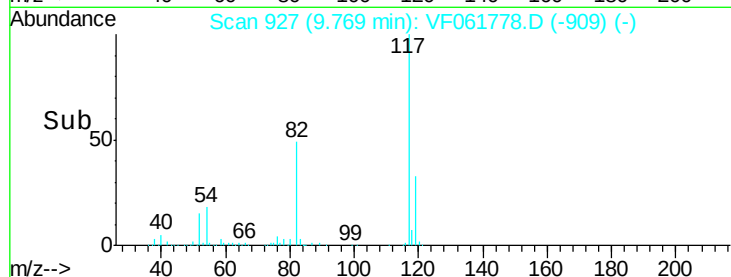
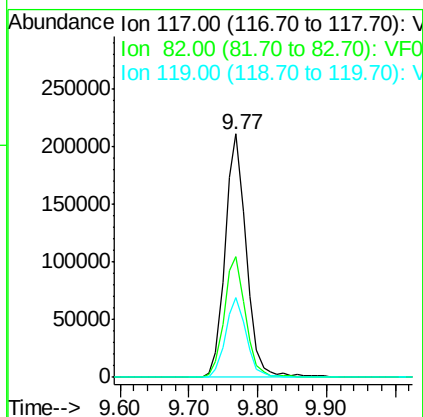
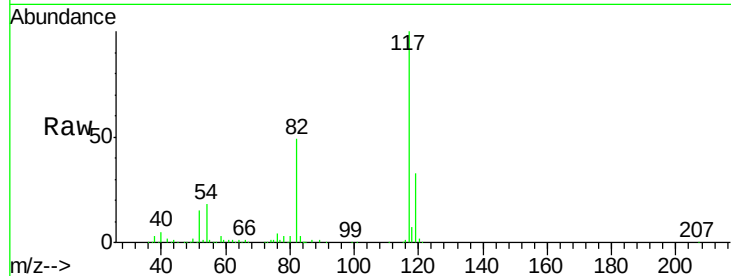




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061778.D
Acq: 27 Feb 2019 20:53

Instrument :
MSVOA_F
ClientSampleId :
COMP-DAY-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	39.3	58.9
119	32.9	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061778.D
Acq: 27 Feb 2019 20:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	47.8	24.3	72.8
150	149.7	0.0	312.0

